

ABSTRACT

The Problem to Be Solved:

To provide a producing method of an optically active
5 β -amino acid useful as intermediate for the production of
medicines, agricultural chemicals and physiologically
active substances, by means of a catalytic and asymmetric
synthesis method of high performance and a high
enantiomeric excess, without requiring additional
10 procedures such as introduction and removal of protecting
group and so on.

Means to Solve the Problems:

A producing method of an optically active β -amino
15 acids which comprises subjecting an enamine to an
asymmetric hydrogenation.